

We claim:

1. A diagnostic composition for detecting ryegrass or walnut pollen allergy comprising an isolated protein wherein said protein has an amino acid sequence selected from the group consisting of SEQ ID NO:1, SEQ ID NO:2, SEQ ID NO:3, SEQ ID NO:4, SEQ ID NO:5, SEQ ID NO:6, SEQ ID NO:7, SEQ ID NO:8, SEQ ID NO:9, SEQ ID NO:10, and SEQ ID NO:11.
2. The diagnostic composition of claim 1 wherein said pollen allergy is ryegrass pollen allergy.
3. The diagnostic composition of claim 1 wherein said pollen allergy is walnut pollen allergy.
4. A method of treating ryegrass or walnut pollen allergy in a mammal comprising administering a pharmaceutically effective amount of a protein to a mammal wherein said protein comprises an amino acid sequence wherein said amino acid sequence is selected from the group consisting of SEQ ID NO:1, SEQ ID NO:2, SEQ ID NO:3, SEQ ID NO:4, SEQ ID NO:5, SEQ ID NO:6, SEQ ID NO:7, SEQ ID NO:8, SEQ ID NO:9, SEQ ID NO:10, and SEQ ID NO:11.
5. The method of claim 4 wherein said pollen is ryegrass pollen.
6. The method of claim 4 wherein said pollen is walnut pollen.
7. The method of claim 5 wherein said mammal is a human.
8. A therapeutic composition comprising an antigenic fragment of a ryegrass or walnut pollen allergen wherein said antigenic fragment comprises an amino acid sequence selected from the group consisting of SEQ ID NO:1, SEQ ID NO:2, SEQ ID NO:3, SEQ ID NO:4, SEQ ID NO:5, SEQ ID NO:6, SEQ ID NO:7, SEQ ID NO:8, SEQ ID NO:9, SEQ ID NO:10, and SEQ ID NO:11 wherein said antigenic fragment comprises at least one epitope of said ryegrass or walnut pollen allergen and a pharmaceutically effective carrier.

9. The therapeutic composition of claim 8 wherein said epitope is a T cell epitope.
10. The therapeutic composition of claim 8 wherein said epitope is a B cell epitope.
11. The therapeutic composition of claim 8 wherein said pollen is ryegrass pollen.
12. The therapeutic composition of claim 8 wherein said pollen is walnut pollen.
13. A method of treating sensitivity to ryegrass or walnut pollen in a mammal comprising administering a therapeutically effective amount of the therapeutic composition of claim 8 to a mammal.
14. The method of claim 8 wherein said mammal is a human.
15. The method of claim 8 wherein said pollen is ryegrass pollen.
16. The method of claim 8 wherein said pollen is walnut pollen.

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